



KOREAN PATENT ABSTRACTS(KR)

Document Code:B1

(11) Publication No.1019980186554 (44) Publication.Date. 19981229

(21) Application No.1019960006874 (22) Application Date. 19960314

(51) IPC Code:
H01J 29/48

(71) Applicant:
LG ELECTRONICS INC.

(72) Inventor:
CHOI, JIN YEOL

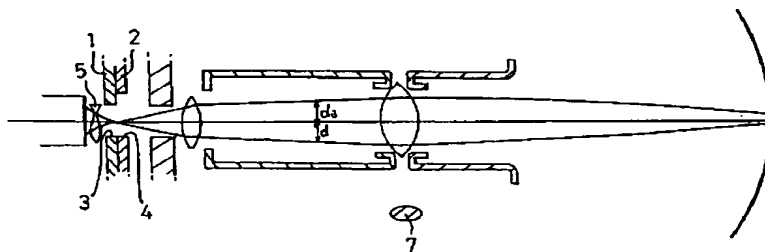
(30) Priority:

(54) Title of Invention
ELECTRON GUN FOR COLOR CRT

Representative drawing

(57) Abstract:

PURPOSE: An electron gun for a color CRT(cathode-ray tube) is provided to obtain excellent resolution over the entire band of a screen by preventing the deterioration of an electron beam spot around the color CRT and in the middle of the screen.



CONSTITUTION: On welding a plate electrode(2) into a first grid electrode(1), the thickness of an electron beam through hole(3) is thicker in a horizontal direction and thinner in a vertical direction. With the operation of an electron gun, the concentrating performance of an electron lens(5) becomes different depending on the thickness of the through-hole in the horizontal and the vertical direction. Therefore, an electron beam spot is prevented from deterioration around a screen and in the middle of the screen,

thus the electron beam spot property is kept well over the entire band of the screen.

COPYRIGHT 2001 KIPO

if display of image is failed, press (F5)